USAC

Universal Service Administrative Company
Schools & Libraries Division

Date: October 18, 2004

Les Stevens
Illinois School for the Visually Impaired
217-479-4400
Application Number 419654

The Program Integrity Assurance (PIA) team is in the process of reviewing all Form 471 Applications for schools and libraries discounts to ensure that they are in compliance with the rules of the federal universal service program. We are currently in the process of reviewing your Funding Year 2004 Form 471 Application. To complete our review, we need some additional information. The information needed to complete the review is listed below.

FRN 1191175

How many lines of local service does this request support?

FRN 1191492

The supporting documentation adds up to $238,374.40, but the request is for $324,804.40. Please explain the difference. Provide a vendor quote for the correct amount. Quote or response should include make and model of all billable equipment and number of rooms being wired (specify cable and fiber). Confirm that the UPS units support only the switches ordered on the quote or provide the make and model of any other equipment they support.

FRN 1192918

The quote is for $41598, the FRN is for $38618. Please specify what was removed to reach the lower number.

What are the functions of these servers? If they are web servers please answer how the web server is being used (e.g. internet access, application processing, content creation, etc.)

Break out the cost of the Insight Manager software.

Are the 3 redundant power supplies active and on-line or spare?

If you are unable to justify the charges requested on your Form 471, the request may be reduced or denied.

Please fax or e-mail the requested information to my attention. If you have any questions, please feel free to contact me.

It is important that we receive all of the information requested so we can complete our review. **Failure to do so may result in a reduction or denial of funding.**

Please send the requested information within seven calendar days. If you need additional time to prepare your response, please let me know as soon as possible.

Thank you for cooperation and continued support of the Universal Service Program.

Sincerely,

Mike Laba
Schools and Libraries Division
Phone 973-884-8318
FAX   973-599-6578
e-mail mlaba@sl.universalservice.org

USAC

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FRN 1192918

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FAX   973-599-6578
e-mail   mlaba@sl.universalservice.org

From: "Les Stevens" <DHSVI06@dhs.state.il.us>
To: <PIA Team2@sl.universalservice.org>
Date: 10/18/04 7:17PM
Subject: Re: ERate Application 419654

I am scheduled to be out of town on both Tuesday, October 19, and
Wednesday, October 20 (to an e-rate workshop). I will forward this
e-mail to our Technology Specialist to see what she can "explain" while
she is here tomorrow, Mr. Laba. If we could have a couple of extra days
that would be helpful. If not, we'll certainly try to get you this
information ASAP. Thank you.

>>> "PIA Team2 PIA Team2" <PIA#032#Team2@sl.universalservice.org>
10/18/04 09:39AM >>>
Les,

The attached request for information is required to process your
application. Please contact me with any questions. Thanks.

Mike Laba
Schools and Libraries Division
Phone   973-884-8318
FAX   973-599-6513
e-mail mlaba@sl.universalservice.org

CC: "Brenda Stewart" <ISVI@dhs.state.il.us>

From: <Mailer-Daemon@mail.dhs.state.il.us>
To: <DHSVI06@dhs.state.il.us>
Date: 10/18/04 7:18PM
Subject: Message status - undeliverable

The message that you sent was undeliverable to the following:

  PIA Team2@sl.universalservice.org (501 Syntax error - Badly formatted address.)

Possibly truncated original message follows:

From: "Michael Laba" <mlaba@sl.universalservice.org>
To: <DHSVI06@dhs.state.il.us>
Date: 10/19/04 1:58PM
Subject: Re: ERate Application 419654

Les,

Extension granted to October 28, 2004. Any questions please give me a call. Thanks.

Mike Laba
Schools and Libraries Division
Phone 973-884-8318
FAX   973-599-6513
e-mail   mlaba@sl.universalservice.org

>>> "Les Stevens" <DHSVI06@dhs.state.il.us> 10/18/04 08:24PM >>>
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Wednesday, October 20 (to an e-rate workshop). I will forward this
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FAX   973-599-6513
e-mail   mlaba@sl.universalservice.org

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FAX   973-599-6513
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FAX

Illinois School for the Visually Impaired
658 East State Street
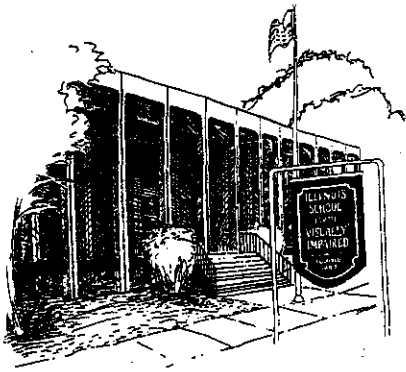Jacksonville, IL 62650
(217) 479-4400
Fax 217.479.4412

Date: _____ October 27, 2004 _____

To: _____ Mr. Mike Laba _____

Recipient Fax #: _____ 973.599.6578 _____

From: _____ Brenda Stewart _____

Re: _____ Review of Funding Year 2004 Form 471 Application _____

# of Pages _____ 16 _____ (Including this cover sheet)

From the Desk of

Brenda Stewart

Illinois School for the Visually Impaired
658 East State Street
Jacksonville, IL 62650
Ph: (217) 479-4428
Fax: 217.479.4412
dhsrc78@dhs.state.il.us
www.isvi.net

October 27, 2004

Hello Mr. Laba,

Please find with this faxed material the quote from S.E.A. Group, Inc. who was the successful bidder for our switches, copper and fiber installations in our proposal.

You will also find several pages from our "Copper/Fiber/Switch Network Infrastructure Scope Statement" which provides the make and model that all vendors prepared their quotes to include. S.E.A Group, Inc. reflects the same part numbers throughout their quote. Both documents reflect the same equipment.

Our proposal covers a total of nine buildings on the ISVI campus. Therefore, the number of rooms being wired with copper is 143 while the number of rooms being wired with fiber is 13.
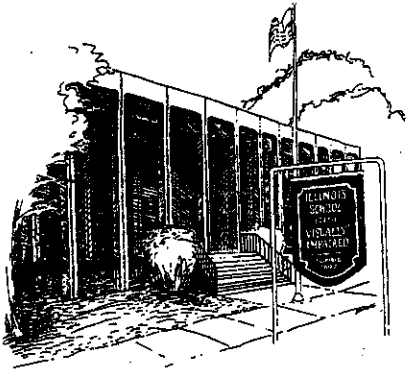
Les stated in an e-mail to you earlier today that the lower amount was correct for this quote. He was mistaken as the amount of $324,804.40 IS actually correct. The amount for labor was not included in the lesser amount. The labor cost of $86,430.00 was not included in the $238,374.40. When these two figures are added together, you arrive at the $324,804.40 amount which is correct as you will see in the documentation I'm sending you today.

The UPS we currently have will be used with the new servers we are proposing for purchase. All the present server equipment currently in use will be completely removed and will no longer be in use at ISVI. I have included the product specifications for the UPS we will be continuing to use as it will accommodate all the proposed server equipment. The unit is a CyperPower 1250 AVR, 670 Watts.

I am hopeful I have answered you inquiries to your satisfaction. Certainly if you wish to have any additional information, please do not hesitate in contacting me.

Thank you.

Brenda Stewart, ISVI Technology Specialist
(217) 479-4428
e-mail: dhsrc78@dhs.state.il.us

From the Desk of

Brenda Stewart

Illinois School for the Visually Impaired
658 East State Street
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Thank you.

Brenda

Brenda Stewart, ISVI Technology Specialist
(217) 479-4428
e-mail: dhsrc78@dhs.state.il.us

Required Single-Mode Fiber Parts List

Item	Description	Part Number	Quantity
1	Avaya TereSPEED Indoor/Outdoor Single-mode Tight Buffered Riser Cable, 12-F 8.3/125 TB IN/OUT RISER 0.7/0.7 DB/KM ZERO-WATER-PEAK, 760004184	5100-012A-WRBK	5000 feet
2	Avaya Single-mode SC connector, SM CER EZ & EPOXY OC 900UM ONLY, NON-TUNABLE, 760007112	P6001B-Z-125	192 pcs.
3	Avaya rack-mount fiber termination shelf, 9 in. high, mount in 19 in. rack, front & back access; 700007214	LST1U-144/9	1 unit
4	Lucent-Fit 2200SC-1-Duplex 12-port 2/x Panel SC Duplex empty; use with LST 1U-144/9 only, 108016734	2200SC1-DPLX	8 panels
5	Avaya rack-mount combination fiber distribution shelf; 12/24-F, 19" 1U empty, add coupler panel, 700007321	600B2	5 units
6	Avaya panel for 12 SC couplings, duplex, empty, 700006521	12SC1 DUPLEX	5 panels
7	Avaya-SCS SC Duplex SM-MM Ceramic Adapter, snap-in mount, blue, 700004815	C6060A-4	78 adapters
8	Avaya wall-mount fiber enclosure, OptiSPEED Interconnetion Unit, empty - add 4 LIU panels, 200A LIU, 24/48-F; 105535926	200A LIU	3 units
9	Avaya-SCS 10PSC-SM 6-port panel SC SM loaded, use with 100 & 200 LIU; 700011430	10PSC-SM	6 panels
10.	Avaya-SCS 2-F Jumper 5F/1.5MT 8.3/125 Single-mode SC-SC Ceramic, duplex zipcord, TeraSPEED,	FPCWSCSC32-RF005	10 cables
11.	Avaya-SCS 2-F Jumper 10F/3MT 8.3/125 Single-mode SC-SC Ceramic, duplex zipcord, TeraSPEED,	FPCWSCSC32-RF010	10 cables

D.   CAT.6 COPPER LAN LOCATIONS (LOCs) INSTALLATION

    1.   Install 24-port patch panels:
        a.   Building #1 1st flr., room 144, 9 panels, rack-mount
        b.   Building #2, 1st floor, core wiring closet, 1 panel, rack-mount
        c.   Building #7, basement, snack bar store room, 1 panel, rack-mount
        d.   Building #9, room 104, 1 panel, wall-mount
        e.   Building #10, 1st floor, room 113, 1 panel, wall-mount
        f.   Building #11, 1st floor, break room, 1 panel, rack-mount
        g.   Building #14, 1st floor, "Paint Shop" room, 1 panel, wall-mount
        h.   Building #17, 1st floor, room 112, 3 panels, rack-mount
        i.   One extra panel included in list
        j.   Install agency supplied wall-mount hinged brackets for panels where floor-standing racks are not available.
        k.   Agency is responsible for providing and mounting all required floor-standing racks.

or exceed all applicable standards and manufacturer specifications.

Required CAT.6 Copper LAN Locations (LOCs) Parts List

Item	Description	Part Number	Quantity
1	Wiremold steel linear raceway supporting clip, ivory, 10 clips per package	V2003	128 pkgs 10/pkg.
2	Wiremold steel linear raceway cover clip, ivory, 10 clips per package	V2006	128 pkgs 10/pkg.
3	Wiremold steel linear raceway coupler, ivory, 10 couplers per package	V2001	32 pkgs 10/pkg.
4	Wiremold steel linear raceway 90-degree flat elbow, ivory	V2011	20 90-degree flat elbows
5	Wiremold steel linear raceway internal corner, ivory, 10 corners per package	2017TC	2 pkgs. 10/pkgs.
6	Wiremold steel linear raceway external elbow cover, ivory	V2018C	20 external elbow covers
7	Wiremold steel linear raceway Tee, ivory	V2015	20 Tees
8	Wiremold two-piece steel linear raceway, ivory, base and cover, 5-foot lengths, (quantity in pieces, but comes in 6 base/cover sections per box)	V2000BC	642 pcs x 5-foot sections
9	Wiremold steel linear raceway single-gang surface mount receptacle box, 1 3/4" inches deep, ivory	V2048	375 pieces
10	Avaya-SCS 2081 GigSPEED XL8 Plenum Premises Cables - XP7, 1000 feet per reel/box; 23-4P UTP-CMP SOL BC XP7 Cat 6E FEB/LSPVC Blue Jkt, 550 MHZ Gigaspeed; Blue [CMP-00424MAXE-7 (108681198)]; vendor and agency may agree on variance in color of cable installed.	2081	100 x 1000-foot reels/boxes
11	Avaya SYSTIMAX GigaSPEED XL MGS400-XP7 network jacks, ivory	MGS400BH-246	375 pieces
12	Avaya-SGL SYSTIMAX 2-port single-gang modular faceplate, unloaded, M-series, ivory	M12L-246.	375 pieces
13	Avaya-SCS GigaSPEED XL PATCHMAX GS-XP7 24-port patch panel 110-MOD LOADED CAT6 LEV7 T568A/B 8W8P, PM-GS3-24, 700173735 black	PM-GS3-24	19 panels
14	Avaya-SCS0 Cable ASSY MOD 24-4PR Stranded CAT6 XP7 T568A/B 14-foot, Blue	CPC3312-02F014	300 pieces
15	Avaya-SCS0 Cable ASSY MOD 24-4PR Stranded CAT6 XP7 T568A/B 4-foot, Blue	CPC3312-02F004	450 pieces
16	Wiremold Steel power-pole, 10' 5", boot, 2 compartment wired with 2-20AMP 125v duplex style receptacles, ivory	25DTP-4	1 piece

17	Avaya SYSTIMAX 4-port single-gang modular face-plate, ivory, 108168550	M14L-246.	2 pieces

E.   Cisco Switch Installation

1.   Vendor provides Cisco Switches, full warranty, operating IOS, SmartNet coverage, etc.

2.   All Cisco related hardware/software must be considered sold as new by Cisco. Refurbished, reissued, resold new, re-manufactured, etc. equipment not permitted.

3.   Agency is responsible for the configuration and installation of all Cisco Switches.

4.   Agency is also responsible for providing and mounting wall-mount shelves and power to support the installation of all Cisco switches.
   - a.   Wall-mount shelf required in building #7, Auditorium, basement snack bar store room.
   - b.   Wall-mount shelf required in building #9, Dietary, room 112.
   - c.   Wall-mount shelf required in building #10, Gymnasium, office across from the women's locker room.
   - d.   Wall-mount shelf required in building #14, Mechanical, "Paint Shop" room.

Required Cisco Switch Parts List

Item	Description	Part Number	Quantity
1	Cisco Catalyst 6509 Chassis, 9-slot, 15 RU, No Power Supply, No Fan Tray,	WS-C6509	1
2	Cisco Catalyst 6K Supervisor 2 Module with 256MB DRAM on Sup2 and MSFC2,. Note: this single part number intended to include WS-X6K-S2-MSFC2, MEM-S2-256MB, and MEM-MSFC2-256MB	WS-X6K-S2U-MSFC2=	1
3	Cisco Catalyst 6500 Supervisor 2, ATA Type-1 Flash Memory Card, 64 MB Spare,	MEM-C6K-ATA-1-64M=	1
4	Cisco Catalyst 6000 16-Port Gig-Ethernet Module, Spare	WS-X6416-GBIC=	1
5	Cisco Catalyst 6500 48-Port 10/100, In-line Power, RJ-45	WS-X6148-RJ-45V	5
6	Cisco Catalyst 6000 Fan Tray for 9-Slot Systems, Spare	WS-C6K-9SLOT-FAN=	1
7	Cisco Catalyst 6000 1300W AC Power Supply, Spare	WS-CAC-1300W=	2
8	Cisco AC Power Cord, North America	CAB-7513AC=	2
9	Cisco Catalyst 6000 Supervisor 2 Flash Image w/SSH, Rel 8.2 or later	SC6K-SUP2K9-8.2	1
10	Cisco Catalyst 6000 MSFC2 IOS Enterprise W/VIP	S6MSF2AV-12120E	1
11	Cisco 24x7x4 OS Service, Catalyst 6509	CON-OSP-WS-C6509	1

12	Cisco Catalyst 4500 Chassis (6-Slot), fan, no p/s	WS-C4506	1
13	Cisco Catalyst 4500 1300W AC Power Supply with Inline Power	PWR-C45-1300ACV	1
14	Cisco Catalyst 4500 1300W AC Power Supply with Inline Power	PWR-C45-1300ACV/2	1
15	Cisco AC POWER CORD NORTH AMERICA (110V)	CAB-7513AC	2
16	Cisco Catalyst 4500 Supervisor II-Plus (IOS), 2GE, Console (RJ-45)	WS-X4013+	1
17	Cisco IOS BASIC L3 Cat4500 SUP 2+/3/4 (RIP, St. Routes, IPX, AT)	S4KL3-12119EW	1
18	Cisco Catalyst 4500 Inline Power 10/100, 48-Ports (RJ45)	WS-X4148-RJ45V	1
19	Cisco Catalyst 4500 Inline Power 10/100, 48-Ports (RJ45) 2pack	WS-X4148-RJ45V-2P	1
20	Cisco 24x7x4 Onsite Service for Catalyst 4506R Series Modular Switch	CON-OSP-WS-C4506	1
21	Cisco Catalyst 4503 Bundle, 1x 1300AC, 1x S2+, 1x WS-X4148-RJ45V, WS-C4503-S2+48V; (bundle includes: Cisco Catalyst 4500 Chassis (3-Slot) with fan, WS-C4503, Cisco Catalyst 4500 Supervisor II-Plus (IOS), 2GE,Console(RJ-45), WS-X4013+, Cisco Catalyst 4500 1300W AC Power Supply with Inline Power, PWR-C45-1300ACV, Cisco Catalyst 4500 Inline Power 10/100, 48-Ports (RJ45), WS-X4148-RJ45V)	WS-C4503-S2+48V	2
22	Cisco Catalyst 4500 1300W AC Power Supply with Inline Power	PWR-C45-1300ACV/2	2
23	Cisco AC POWER CORD NORTH AMERICA (110V)	CAB-7513AC	4
24	Cisco IOS BASIC L3 Cat4500 SUP 2+/3/4 (RIP, St. Routes, IPX, AT)	S4KL3-12119EW	2
25	Cisco Cat. 4500 Sup II-Plus/III/IV Compact Flash, 64MB Option 1	MEM-C4K-FLD64M	2
26	Cisco Catalyst 4500 Inline Power 10/100, 48-Ports (RJ45)	WS-X4148-RJ45V	2
27	Cisco 24x7x4 Onsite Service Catalyst 4503R Series Modular Switch	CON-OSP-WS-C4503	2
28	Cisco 24-10/100 inline power + 2 GBIC ports: SMI	WS-C3550-24PWR-SMI	5
29	Cisco Power Cord,110V	CAB-AC	5
30	Cisco ONSITE 24X7X4 24-10/100 inline pwr, 2 GBIC ports: SMI	CON-OSP-C3550SMI	5
31	Cisco 1000BaseLX GBIC	WS-G5486=	18
32	Cisco 1000BaseSX GBIC	WS-G5484=	4

S.E.A. GROUP, INC.
Providing Total Systems Integration™

ILLINOIS SCHOOL OF THE VISUALLY IMPAIRED
658 EAST STATE STREET
JACKSONVILLE, IL 62650

ATTN: BRENDA STEWART
             479-4428 Work   479-4412 Fax

REFERENCE: ISVI 2004 ERATE PROJECT
                Fiber/Copper/ Switch Proposal

SCOPE OF WORK:

S.E.A. Group Inc. will install, terminate and test all fiber optic cable, copper Category 6 cable, and switches as specified in the proposal requirements. S.E.A. Group is an authorized Avaya Systimax Business Partner, VAR. This installation will carry the Systimax 25 Year Warranty and Application Assurance.

TOTAL MATERIAL & LABOR $324,804.40

Contact Person: Michael Brida
                       Manager, Cabling Division
                       217-523-1717
                       217-523-1791 (fax)
                       E-mail: mbrida@seagrp.com

Michael Brida
01-29-04

S.E.A. GROUP, INC.
Providing Total Systems Integration™

MATERIAL LIST - ISVI - SWITCHES

QUANTITY	PART NUMBER	UNIT PRICE	EXTENSION PRICE
1	WS-C6509	$6,169.80	$6,169.80
1	WS-X6K-S2U-MSFC2	$17,398.50	$17,398.50
1	MEM-C6K-ATA-1-64M	$260.00	$260.00
1	WS-X6416-GBIC	$13,000.00	$13,000.00
5	WS-X6148-RJ-45V	$4,868.00	$24,340.00
1	WS-C6K9SLOT-FAN	$322.00	$322.00
2	WS-CAC-1300W	$2,595.00	$5,190.00
2	CAB-7513AC	$0.00	$0.00
1	SC6K-SUP2K9-8.2	$0.00	$0.00
1	S6MSF2AV-12120E	$5,195.00	$5,195.00
1	CON-OSP-WS-C6509	$8,725.00	$8,725.00
1	WS-C4506	$3,245.00	$3,245.00
1	PWR-C45-1300ACV	$972.00	$972.00
1	PWR-C45-1300ACV/2	$972.00	$972.00
2	CAB-7513AC	$0.00	$0.00
1	WS-X4013+	$3,895.00	$3,895.00
1	S4KL3-12119EW	$195.00	$195.00

S.E.A. GROUP, INC.
Providing Total Systems Integration™

QUANTITY	PART NUMBER	UNIT PRICE	EXTENSION PRICE
1	WS-X4148-RJ45V	$3,895.00	$3,895.00
1	WS-X4148-RJ45V-2P	$6,495.00	$6,495.00
1	CON-OSP-WS-C4506	$2,302.00	$2,302.00
2	WS-C4503-S2+48V	$3,245.00	$6,490.00
2	PWR-C45-1300ACV/2	$972.00	$1,944.00
4	CAB-7513AC	$0.00	$0.00
2	S4KL3-12119EW	$195.00	$390.00
2	MEM-C4K-FLD64M	$195.00	$390.00
2	WS-X4148-RJ45V	$3,895.00	$7,790.00
2	CON-OSP-WSC4503	$2,302.00	$4,604.00
5	WS-C3550-24PWR-SMI	$2,270.00	$11,350.00
5	CAB-AC	$0.00	$0.00
5	CON-OSP-C3550SMI	$368.00	$1,840.00
18	WS-G5486	$640.00	$11,520.00
4	WS-G5484	$321.00	$1,284.00

TOTAL SWITCHES MATERIAL $ 150,173.30

S.E.A. GROUP, INC.
Providing Total Systems Integration

MATERIAL LIST - ISVI - COPPER

QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION PRICE
128 Pkgs.	Wiremold - V2003 Support Clip #232540	$7.96	$1,018.88
128 Pkgs.	Wiremold - V2006 Cover Clip #232542	$6.34	$811.52
32 Pkgs.	Wiremold - V2001 Coupler #232541	$3.87	$123.84
20	Wiremold - V2011 90 Degree Flat Elbow #232547	$2.98	$59.60
2 Pkgs.	Wiremold - 2017TC Internal Corner #232551	$12.00	$24.00
20	Wiremold - V2018C External Elbow #232554	$2.34	$46.80
20	Wiremold - V2015 Tees #232549	$7.80	$156.00
642	Wiremold - V2000BC Two-piece Raceway 5' #232536	$7.32	$4,699.44
375	Wiremold - V2048 Single-gang Surface box #232555	$5.39	$2,021.25

QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION PRICE
100,000	Avaya - 2081 GigSpeed XL8 Plenum #CMP-00424MAXE-7-06	$0.54	$54,000.00
375	Avaya - MGS-400-246 Mod Jacks Giga Speed #246747	$6.66	$2,497.50
375	Avaya - M12-L – 246 Duplex Face Plate #197603	$1.41	$528.75
19	Avaya - PM-GS3-24 24 Port Patch Panel #246722	$205.18	$3,898.42
300	Avaya - CPC3312-02F014 14' CAT-6 Patch Cord #MM14 - AV7E-06	$8.89	$2,667.00
450	Avaya - CPC3312-02F004 4' CAT-6 Patch Cord #MM04-AV7E-06	$6.37	$2,866.50
1	Wiremold - 25DTP-4 Power Pole 10' 5" #124001	$87.58	$87.58
2	Avaya - M14-L 4 Port Face Plate #197612	$1.41	$2.82

TOTAL COPPER MATERIAL   **$75,509.90**

S.E.A. GROUP, INC.
Providing Total Systems Integration™

MATERIAL LIST - ISVI - FIBER

QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION PRICE
2000 Ft.	Innerduct 1" Pyramid #GP100T #217241	$0.50	$1,000.00
1000 Ft.	Innerduct 1 1/2" Pyramid #GP150T #217244	$0.74	$740.00
5000 Ft.	Avaya - 5100-012A-WRBK Indoor/Outdoor Singlemode Fiber Optic - 12 Strand #370-538-WRBK-12	$1.17	$5,850.00
192	Avaya - P6001B-Z-125 SC Singlemode Connector #266837	$10.95	$2,102.40
1	Avaya - LST IU - 144/9 Fiber Termination Shelf #172178	$349.94	$349.94
8	Avaya - 2200 SC1-DPLX Panels for LST #194371	$13.02	$104.16
5	Avaya - 600 B2 Fiber Termination Shelf #179387	$26.10	$130.50
5	Avaya - 12SC1 - Duplex Coupler Panel for 600 B #178260	$96.62	$483.10
78	Avaya - C6060A-4 SC Duplex SM Adapter #149482	$8.58	$669.24

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QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION PRICE
3	Avaya - 200A - LIU Wall Mount Enclosure #128826	$100.64	$301.92
6	Avaya - 10PSC-SM 6 Port Panel for LIU #215408	$41.14	$246.84
10	Avaya - FPCWSCSC32-RF005 5' Duplex Jumper Cord #273366	$34.83	$348.30
10	Avaya - FPCWSCSC32-RF010 10' Duplex Jumper Cord #273368	$36.48	$364.80

TOTAL FIBER MATERIAL $12,691.20

CyberPower

COMPANY PROFILE   GUIDE TO UPS   SALES   PRODUCTS   SUPPORT   CONTACT   SITE MAP
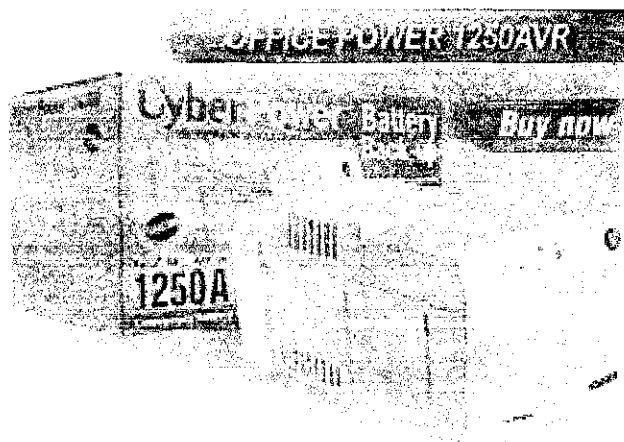
Automatic Voltage Regulator
Features   Features map   Specifications   FAQs   Buy now

FEATURES

◈ **Battery Run-times from 40 to 100 minutes**

◈ **Compact design with extended outlets to accommodate transformer block adapter**

◈ **Automatic Voltage Regulation Controls over-voltages, blackouts and brownouts**

◈ **All outlets are surge-protected at 1500 joules**

◈ **PowerPanel Plus™ Software saves your open files and automatically shuts down your computer whei**

◈ **$ 400,000 Connected Equipment Warranty**

◈ **Contains two 9AH Batteries for extended Run-Times.**

The CPS1250AVR features Automatic Voltage Regulation. To learn more about AVR, click the AV

AVR
AUTOMATIC VOLTAGE REGULATOR

CyberPower™ Battery Backup System

CyberPower's **OfficePower™ 1250AVR** Battery Back-up System not only guards against surg but will also step up low voltages or step down high voltage conditions to safe output levels witl to battery power. OfficePower 1250AVR also protects your computer system and valuable data power outage.

PowerPanelPlus™ Software is included with each model. In the event of a power outage, Po Software automatically logs and saves all open files then shuts down the computer system in a and
orderly manner.

Battery Run-time Chart

Typical Runtimes in Minutes	700AVR	900AVR	1250AVR
DESKTOP PC with 15" MONITOR	38 - 45	54 - 65	72 - 100
DESKTOP PC with 17" MONITOR	28 - 36	46 - 52	56 - 80
DESKTOP PC with 21" MONITOR	24 - 28	36 - 44	45 - 45
TOWER PC with 21" MONITOR	20 - 24	30 - 38	40 - 60
MINUTES RUNTIME	20 - 45	30 - 65	40 - 100
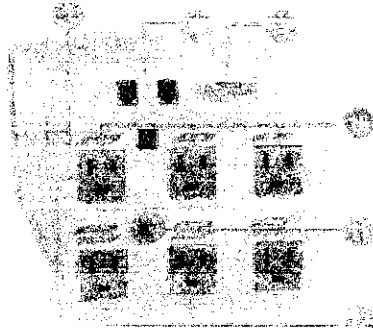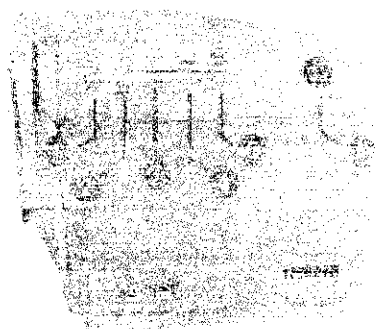
- Power On Indicator
- Wiring Fault Indicator
- Automatic Voltage Regulator
- Using Battery Indicator
- Check Battery Indicator
- Power Switch
- All Outlets Designed for AC Adapters
- Phone/Fax/Modem Protection Ports
- Serial Port to PC
- "Always On" Outlets Provide Maximum S
- Re-settable Circuit Breaker for overload
- Battery Backup and Surge Protected Ou

click here to learn more

PowerPanel Plus™ Software

- Saves open files and applications and automatically shuts down your computer when a powe occurs.
- Provides monitoring of input voltage, output voltage, battery capacity, load and temperature.
- Allows for user-defined scheduled shutdown and startup of computer system.

TECHNICAL SPECIFICATIONS

Model	CPS1250AVR
VA Rating	1250VA
Watts	670W
Input Voltage on Utility	85V to 150V
Frequency on Utility	

	57Hz to 63Hz
Output Voltage on Battery	120V +/- 5%
Frequency on Battery	60 Hz
Surge Energy Capacity	1500 Joules
Maximum Surge Current	36,000 Amps
Overload Protection	Internal circuitry limiting. On-line circuit breaker
Battery Run-time	40 - 100 minutes
Typical Battery Recharge Time	8 hours
Total number of receptacles	3 battery / surge, 3 full time surge-only
Visual Indicators	Power On/Off, Automatic Voltage Regulator, Site Wiring Fault, Using Battery
Audible Indicators	Battery on, Low battery, UPS overload
Warranty	3 year Warranty on UPS unit, 3 year Warranty on Battery
Conformance Approvals	UL 1778, cUL, FCC Doc Class B
Included Software	PowerPanelPlus™ Power Management Software
Connected Equip. Guarantee	$400,000
Unit Dimensions	Length 12 3/4" Width 6 3/4" Height 6 1/8"